

WHAT IS CLAIMED IS

1. A recoil starter, comprising

a rotary driving member that is adapted to be rotated by pulling a recoil rope,

an interlocking rotary member that is adapted to be rotated independently of the rotary driving member, and

a buffering spring coupled between the rotary driving member and the interlocking rotary member, applying a rotational bias between the rotary driving member and the interlocking rotary member, and adapted to transmit the rotation of the rotary driving member to the interlocking rotary member.

2. The recoil starter according to claim 1, wherein the rotary driving member and the interlocking rotary member are disposed on a common rotational axis.

3. The recoil starter according to claim 1, wherein the buffering member is a torsion coil spring or a spiral spring.

4. The recoil starter according to claim 2, wherein the buffering member is a torsion coil spring or a spiral spring.

5. The recoil starter according to any one of claims 1 to 4, wherein the rotary driving member is a rope reel which is adapted to have the recoil rope wound thereon, the rope reel has an annular cavity, and the buffering member is received in the annular cavity of the rope reel.

6. The recoil starter according to any one of claims 1 to 4, wherein the interlocking rotary member includes a power transmission pulley to which the rotation of the rotary driving member is transmitted through the buffering member and a centrifugal ratchet mechanism coupled to the power transmission pulley and adapted to be coupled to a crankshaft of an internal combustion engine for transmitting the rotation of the power transmission pulley to the crankshaft of the internal combustion engine.